

DATASHEET

IS540.2



APPROVALS



ATEX approval: EX-Zone 2/22
 Ⓜ II 3G Ex ic IIC T4 Gc
 Ⓜ II 3D Ex ic IIIC T135°C Dc



IECEx approval: EX-Zone 2/22
 Ex ic IIC T4 Gc
 Ex ic IIIC T135°C Dc



NEC500 approval requested:
 Class I, II, III Division 2
 Groups A B C D F G T4



IA (South Africa) approval:
 Ex ic IIC T4 Gc
 Ex ic IIIC T135°C Dc

Further approvals: PCEC (China) | TIIS (Japan) | KCs (South Korea)

TECHNICAL FEATURES MODEL M540A01

Operating system	Android™ 14
Processor	Qualcomm® QCM6490 Octa Core
Memory	8 GB RAM 128 GB internal memory microSD memory up to 128 GB
Supported frequency bands	2G GSM: 850/900/1800/1900 MHz 3G WCDMA: B1/2/4/5/8 4G LTE-FDD: B1/2/3/4/5/7/8/12 with MFBI B13/14/17/20/25/26/28/29/30/66/71 4G LTE-TDD: B38/39/40/41/42/43/48 5G NR: n1/n2/n3/n5/n7/n8/n12/n20/n25/n28/n30/n38/n40/n41/n48/n66/n71/n77/n78/n79
Dimensions	Size: 180,0 x 84,9 x 20,6 mm weight: 422 g
Display	6" Corning® Gorilla® Glass 3 rd generation 1080 x 2160 pixels FHD
Battery	4400 mAh replaceable
Camera	48 MP AF rear camera 5 MP FF front camera
SIM support	1 nano SIM + eSIM
Connections	Wi-Fi® 6: IEEE 802.11 a/b/g/n/ac/ax/e/k/r/v Bluetooth® 5.2 GPS, A-GPS, Glonass, A-Glonass, Beidou, Galileo Near Field Communication (NFC)
Ports in/out	16-pin ISM interface USB-C
Sensors	Accelerometer, Gyroscope, Light, Magnetic, Proximity, Pressure sensors
Types of protection	IP68 dust-/waterproof MIL-STD-810H usable from -20 °C to +55 °C

FURTHER FEATURES

Red key top | Optional functions assignable via Button App (system integrated), e.g. LWP

Side key left | Optional functions assignable via Button App (system integrated), e.g. PTT

Amplified loudspeaker

SET CONTENT

Smartphone, Battery, Power Adapter universal, USB-C Cabel, Screwdriver, Display Protection Foil, Quick Start Manual and Safety Instructions

Please visit our website and you will find more detailed information, as well as an overview of compatible accessories.